

FORM PTO-1390 (REV. 02-2005)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>40072-0022</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>To be assigned 10/238466</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/JP03/16036</b>		INTERNATIONAL FILING DATE <b>December 15, 2003</b>		PRIORITY DATE CLAIMED <b>December 13, 2002</b>	
TITLE OF INVENTION <b>INTERMEDIATES OF 2-SUBSTITUTED CARBAPENEM DERIVATIVES AND PROCESS FOR PRODUCTION THEREOF</b>					
APPLICANT(S) FOR DO/EO/US <b>Toshiro SASAKI; Takashi ANDO; Yasuo YAMAMOTO; Takahiro IMAI; Dai KUBOTA; Katsuhiko NOGUCHI; Nobuyuki HORI; Eiki SHITARA; Kunio ATSUMI; Shohei YASUDA</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> had been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
<b>Items 11 to 20. below concern document(s) or information included:</b>					
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 132 and 37 CFR 1.821-1825 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: International Search Report (2/10/04)					

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.71) <b>To be assigned 10/538466</b>		INTERNATIONAL APPLICATION NO. <b>PCT/JP03/16036</b>		ATTORNEY'S DOCKET NUMBER <b>40072-0022</b>	
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21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee.....\$300.00 <input checked="" type="checkbox"/> b) Examination fee .....\$200.00 <input checked="" type="checkbox"/> c) Search fee.....\$500.00  <div style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></div>				<b>CALCULATIONS PTO USE ONLY</b>   <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;"><b>\$1000.00</b></td> <td style="width:50%;"></td> </tr> <tr> <td><b>\$250.00</b></td> <td></td> </tr> </table>		<b>\$1000.00</b>		<b>\$250.00</b>	
<b>\$1000.00</b>									
<b>\$250.00</b>									
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
TOTAL SHEETS	EXTRA SHEETS	NUMBER EXTRA (of each additional 50 or fraction thereof rounded up to a whole number)	RATE						
-100 =	50 =		x \$250.00						
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).									
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	37 - 20 =	17	x \$50.00	<b>\$850.00</b>					
Independent claims	6 - 3 =	3	x \$200.0	<b>\$600.00</b>					
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.0						
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$2700.00</b>					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.									
<b>SUBTOTAL =</b>				<b>\$2700.00</b>					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+					
<b>TOTAL NATIONAL FEE =</b>				<b>\$2700.00</b>					
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				<b>\$40.00</b>					
<b>TOTAL FEES ENCLOSED =</b>				<b>\$2740.00</b>					
				<b>Amount to be refunded:</b>	\$				
				<b>Amount to be charged:</b>	\$				

  

a. ☒ A check in the amount of \$2,740.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.

A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment To Deposit Account No. 08-1641 A duplicate coy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**HELLER EHRMAN LLP**  
 1717 Rhode Island Avenue, N.W.  
 Washington, D.C. 20036  
 Customer No.: 26633

SIGNATURE  
  
 John P. Isacson  
 NAME  
 REGISTRATION NO.: 33,715

Date  
 June 10, 2005